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SCIENCE

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FRIDAY, NOVEMBER 29, 1907

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MSS. intended for publication and books, etc., intended for review should be sent to the Editor of SCIENCE, Garrison-on-Hudson, N. Y.

UNIVERSITY REGISTRATION STATISTICS

ON page 730 will be found the registration returns for November 1, 1907, of twenty-four of the leading universities of the country. The only institution that has been added to the list this year is the University of Iowa. By reason of the great diversity that exists in the classification into schools of the various institutions, it is becoming increasingly difficult to retain uniformity in compiling the table, and considerable difficulty arises especially in connection with extension and similar courses; in some instances students in attendance on such courses are included in the regular enrollment, whereas in others they are carefully excluded. In spite of the effort made to prevail upon the institutions listed to distinguish closely between regular students that have satisfied at least the requirements for entrance to the academic department, on one hand, and students enrolled in extension courses, evening courses, etc., who do not possess a high school training, on the other, some confusion still exists, as several institutions were rather loath to avail themselves of the separate rubric provided for the latter category. Similarly, the summer session presents certain difficulties, inasmuch as there are, no doubt, at most of these sessions a number of students who have not

certain parts of the body and eliminating them from others. As the pigmentation changes in extent, under the influence of selection, the various areas typically pigmented are affected in the following order: Shoulder, side, rump and head, the change being greatest in the first named, and least in the last named area, irrespective of what particular spots were present in the selected ancestors."

T. H. Morgan

SCIENTIFIC JOURNALS AND ARTICLES

Terrestrial Magnetism and Atmospheric Electricity for September contains the portrait of Wilhelm Eduard Weber and the following articles: "Atmospheric Electricity Observations at Battle Harbor, Labrador, during the Solar Eclipse of August 30, 1905," by J. E. Burbank; "Scientific Results of the Ziegler Polar Expedition of 1903–5," by J. A. Fleming; "Biographical Sketch of Wilhelm Eduard Weber," by N. E. Dorsey; Letters to Editors: "Atmospheric Electricity Work, Yacht *Galilee,* Sitka to Honolulu, August, 1907," by P. H. Dike; "Principal Magnetic Storms recorded at the Cheltenham Magnetic Observatory, April 1 to June 30, 1907," by O. H. Tittmann; Notes: "International Association of Academies, Vienna, 1907," "Magnetic Survey of New Zealand Islands."

SOCIETIES AND ACADEMIES

THE NATIONAL ACADEMY OF SCIENCES

The National Academy of Sciences met at Columbia University on November 19 and 20. The following members were present: Messrs. Allen, Billings, Boaz, Brewer, Brooks, Brush, Cattell, Chandler (C. F.), Chittenden, Dana, Davis, Dutton, Elkin, Emmons, Gooch, Hague, Hastings, Hill, Minot, Morse, Newcomb, Nichols, Noyes, Osborn, Pickering, Pupin, Remsen, Thomson, Verrill, Walcott, Webster, Welch, Wells, Wilson, Woodward.

The program of scientific papers was as follows:

"A New Application of Dynamics to Electrical Circuits," by M. I. Pupin.

"The Selective Reflection Characteristic of Carbonates; Wave-length of Displacement a Function of the Atomic Weight of the Base," by Leighton B. Morse (introduced by M. I. Pupin).

"Oxygen the Active Atom in the Characteristic Reflection of Carbonates, Nitrates, Sulphates and Silicates," by Leighton B. Morse (introduced by M. I. Pupin).

"A Modification of the Bjerkness Hydrodynamics Analogy," by A. P. Wills (introduced by M. I. Pupin).

"Psychophysical Investigations with the Galvanometer and Pneumograph," by Frederick Peterson (introduced by M. I. Pupin).

"On Rayleigh's Disc as an Absolute Measure of Sound," by A. G. Webster.

"On the Minimum Audible Sound," by Geo. E. Stebbins (introduced by A. G. Webster).

"Buried River Channels of the Hudson Valley," by J. F. Kemp (introduced by C. F. Chandler).

"Glacial Erosion in Wales," by W. M. Davis.

"Summary of Studies of Cambrian Brachiopods," by Chas. D. Walcott.

"On Certain Changes of Nuclei in Relation to Age," by Chas. S. Minot.

"Researches from the Psychological Laboratory of Columbia University," by J. McK. Cattell.

"Additions to the Collections of Extinct Vertebrates in the American Museum of Natural History," by H. F. Osborn.

"A Biographical Memoir of Alpheus Hyatt," by W. K. Brooks.

"Biography of Lewis H. Morgan," by W. H. Holmes.

"Drop Weight and the Law of Tate; the Determination of the Molecular Weight in the Liquid State by the Aid of Drop Weights," by Reston Stevenson and J. Livingston Morgan (introduced by C. F. Chandler).

"The Relation of the Spectra, Magnitudes and Colors of Stars," by Edward C. Pickering.

"Tables of Minor Planets discovered by James C. Watson, prepared by Armin O. Leuschner under direction of the Watson Trustees," by Simon Newcomb.

THE PHILOSOPHICAL SOCIETY OF WASHINGTON

The 636th meeting of the society was held on October 12, 1907, Vice-president Bauer in the chair. The evening was devoted to a paper by Mr. J. F. Hayford on "Earth Movements as Determined by Triangulation (San Francisco Earthquake of 1906)."

The 637th meeting of the society was held on October 26, President Hayford presiding.